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Part 5: Statistical Data, 39 pp.

JAPANESE, bk, Nippon no Boei Sangyo, Chap V,
1 Dec 1951, pp 71-124, 134-145, 15[illegible]-15[illegible], 197, [illegible].

ACSI I-1767-J
ID 2203250
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FE - Japan
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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

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Defense Industry of Japan, Part 6: Laws and Regulations Related to the Defense Industry.

JAPANESE, rpt, Nippon no Boei Sangyo, 1 Dec 1961, pp 161-234.

ACSI I-1767
ID 2203230
319th MI Bn

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Chapter 7: Government Agencies, 16 pp.

JAPANESE, tr, Nippon no Boei Sanyo, Chap VII,
1 Dec 1961, pp 235-247.

ACSI I-1767-
ID 2203430
319th MI Bn

FS - Japan
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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Part 8: The list of Companies Connected with the Defense, 75 pp.

JAPANESE, Dk, Nippon no Bosi Sangyo, Chap VIII, 1 Dec 1951, pp 251-281.

ACSI I-1757-
ID 2203239
31/th MI Bn

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

A Brief History of the Japan Ordnance Industry Association's Progress of the Past Ten Years, [illegible] pp.

JAPANESE, bk, Nippon no Bosi Sangyo, Chap 1, 1 Dec 1961, pp 309-311.

ASSI I-17[illegible]-3
IP 2A03233
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Soc, Mil
3 Aug 63

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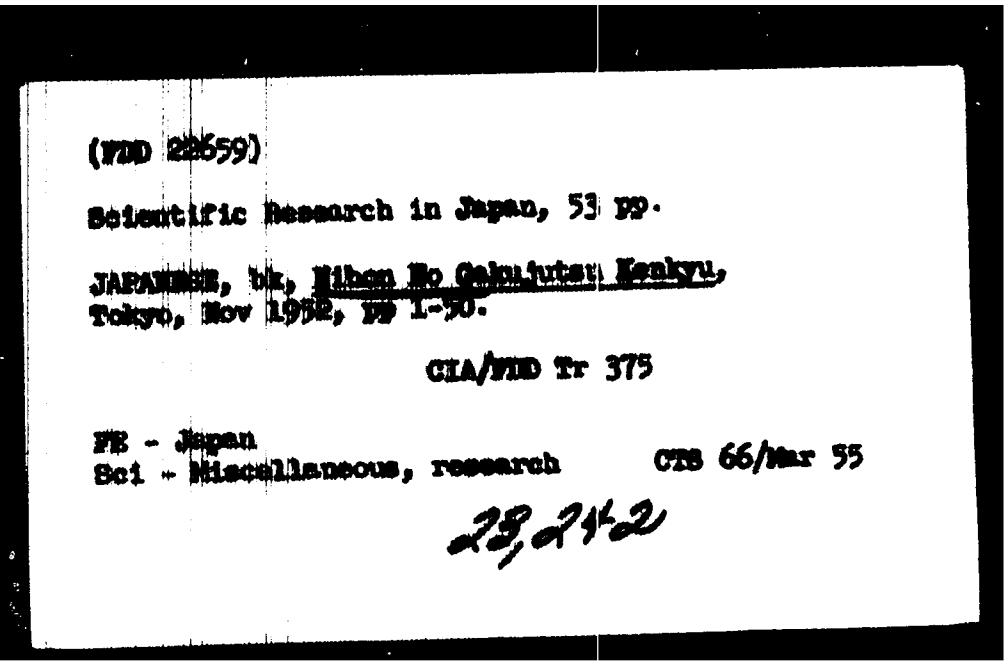

(WDD 22659)

Scientific Research in Japan, 53 pp.

JAPANESE, bk, Nihon No Gajutsu Kenkyu,
Tokyo, Nov 1952, pp 1-50.

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JAPANESE, per, Nippon Nogei Kagaku Kaishi,
Vol 35, No 4, 1961, pp 323-326.
HEW-NIH
10-26-67

Sci-B&M
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JAPANESE, per, Nippon Nogei Kagaku Kaishi, Vol 36, No 3, 1962, pp 226-228.
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10-27-67

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S-5297

Extracts ~~From Japanese Document~~ on Japan's Chemical Industry. Chap IV. Three Distinctive Features: Equipment, Combines, and Basic Research, Chaps VII, VIII. The Course of the Chemical Industry in Japan (Parts 2, 3). Chap IX. The Present Chemical Industry, by Hayashi Yujiro,

JAPANESE, bk, Nihon no Kagaku Kogyo, Tokyo, 30 Nov 1959, pp 30-52, 89-169.

FE - Japan *JPRS
Econ - Chemical Industry
13/7/59

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

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Nihon-No Koo Demands Resignation of Anti-Soviet Leaders of Japan-Soviet Society, 5 pp.
JAPANESE, per, Nihon-No Koo, No 15, 21 Oct 1964, p 2.
JPRS 27,771

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J-1534/64

Summary Translation of Marked Item in the two Issues of Nihon no Koe.
JAPANESE, np, Nihon no Koe (Voice of Japan), Tokyo, 11 Nov 1964, pp 1, 4, 5; 18 Nov 1964, pp 1, 3, 4.

JPRS/SF-3461/Special

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Pol
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Friction Between 'Voice of Japan' and 'Yoyogi' Factions in the Japanese CP, by Shiga Yoshio, Suzuki Ichizo, Nakano Shigeharu, Kamiyama Shigeo, 6 pp.
JAPANESE, per, Nihon no Koe, No 2[illegible], 9 Dec 1964, p 1.
JPRS 28300

PE-Japan
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Feb 65

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

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Hasegawa, H.
TOBACCO RUTIN AND THE RELATION OF COLOR TO QUALITY IN DRIED TOBACCO LEAVES. [1964] 22p
Order from K-H $13.20 K-H-1304-a

Trans. of [Nihon Nogei-Kagakkai Shi] (Japan) 1931, v. 7, p. 1036-1049.

(Biological Sciences--Botany, TT, v. 12, no. 1)

TT-64-12853

I. Hasegawa, H.
II. K-H-1304-a
III. Kresge-Hooker Science Library Association, Detroit, Mich.

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

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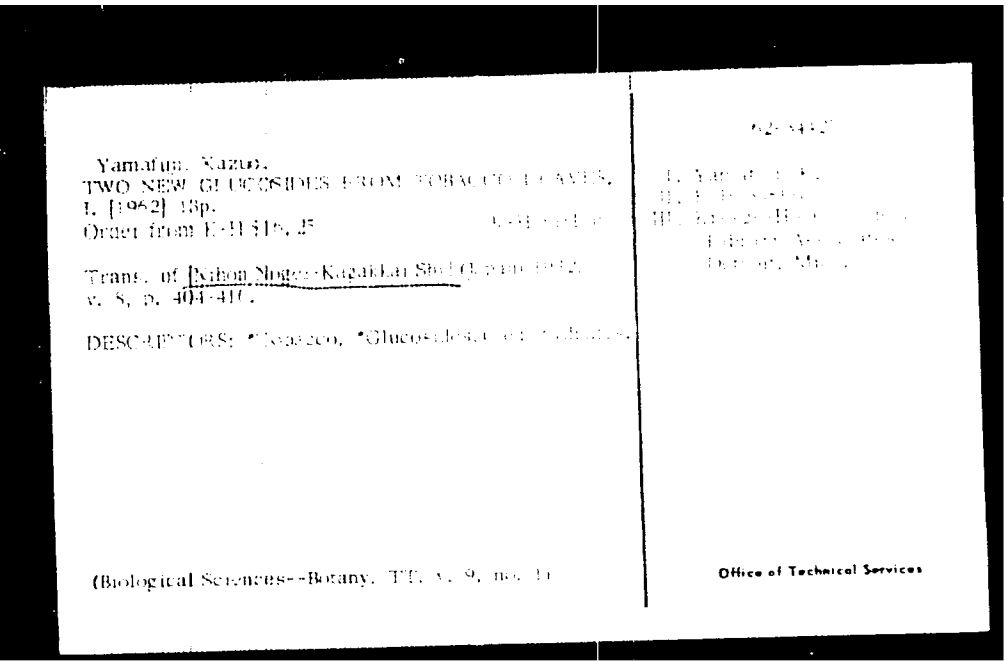

Yamafuji, Kazuo.
TWO NEW GLUCOSIDES FROM TOBACCO LEAVES.
I. [1962] 13p.
Order from [illegible]

Trans. of [illegible]
v. 8, p. 404-410.

DESCRIPTORS: *Tobacco, *Glucosides [illegible]

(Biological Sciences--Botany, TT, v. 9, no. 11

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COMPARATIVE NUTRITIOUS VALUE BASED ON THE TYPE OF PHOSPHORIC ACID. [1963] 6p. 4 refs.
Order from SLA $1.10 63-14572

I. Katono, T.

Trans. of [Nihon Nogei-Kagakkai Shi] (Japan) 1932, v. 8, p. 515-518.

DESCRIPTORS: *Nutrition, *Phosphoric acids, Growth, Rats.

(Biological Sciences--Physiology, TT, v. 10, no. 3)

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BIOCHEMICAL STUDIES ON CYAD. I. CHANGES OF GENERAL COMPONENTS OF CYCAD SEED DURING ITS MATURATION, BY KOTARO NISHIDA, 8 PP.

JAPANESE,PER, NIPPON NOGEIKAGAKU KAISHI, VOL X, 1934, PP 374-378.

NIH 6-80-62.

SCI - BIOL

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Study of the Active Components of Leucothoe Grayana, Report No 1, by S. Miyajima, S. Takei, 27 pp.

JAPANESE, per, Nihon Nogeikagaku Kaishi, Vol X, No 10, Oct 1934, pp 1093-1105.

NIH Tr No 2-9

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Sci - Chemistry
Apr 1957 CHS/dex

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BIOCHEMIXSTRY OF JAPANESE SAGO PLANT. III. ENZYME CHEMIXSTRY OF THE FORMALDEHYDE CONTAINING CONSTITUTENT. I. , BY KOTARO NISHIDA, ARITOMO YAMADA, 12 PP.

JAPANESE, PRE, NIPPON NOGEIKAGAKU KAISHI, VOL XI, 1935, PP 357-364.

NIH 6-78-62

SCI & BIOL , CHEM

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BIOCHEMICAL STUDIES ON CYCAS REVOLUTA THUNB. IV. STUD
STUDIES ON CYCAD EMULSIN, BY KOTARO NISHIDA, 7 PP.

JAPANESE, PDR, NIPPON NOGEIKAGAKU KAISHI, VOL XI,
1935,PP 1089-1094.

NIH 6-81-62

SCI 4 BIOL , CHEM

208,817

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Study of the Active Components of Leucothoe Grayana. Report No 2, by S. Miyajima, S. Takei, 16 pp.

JAPANESE, per, Nihon Nogeikagaku Kaishi, Vol XII, No 6, Jan 1936, pp 497-502.

NIH 3-10

Sci - Chemistry
Apr 57 CMB/dex

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BIOCHEMIXCAL STUDIES ON THE "SOTETSU" (CYCAS REVOLUTA THUNB.) VI. POISON REMOVAL AND NUTRITIONAL VALUE OF "SOTXETSU" SEEDS, BY KOTARO NISHIDA, 15 PP.

JAPANESE, PER, NIPPON NOGEIKAGAKU KAISHI, VOL XII, NO LL, 1936, PP 1106-1116.

NIH 6-74-62

SCI - CHEM

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BIOCHEMICAL STUDIES ON CYCAD. VII. ON THE COMPONENTS OF THE OUTER SEED COAT OF CYCAD (PART I)K, 8 PP.

JAPANESE, PER, NIPPON NOGEIKAGAKU KAISHI, VOL XIII, 1937, PP 89-93.

NIH 6-82-62

SCI - BIOL

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Kanahara, S.
CORRELATION OF THE CONTENTS OF PECTINIC ACID AND METHANOL FOR THE QUALITY OF TOBACCO. [1964] 22p
Order from K-H $13.20 K-H-432-a

Trans. of [Nihon Nogei-Kagakkai Shi] (Japan) 1937, v. 13, p. 444-453.

(Biological Sciences--Biochemistry, TT, v. 11, no. 11)

TT-64-12908

I. Kanahara, S.
II. K-H-432-a
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

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Mitsui, Tetsuo.
PHYTOSTEROL FROM SUGAR-CANE WAX. Rept. no. 1 on The Study of Sugar-Cane Wax. [1962] [17]p. 37 refs.
Order from SLA $1.60 62-16045

Trans. of [Nihon Nogei-Kagakkai Shi] (Japan) 1937, v. 13, p. 494-501.

DESCRIPTORS *Sterols, Plants, Grasses, *Waxes

(Biological Sciences--Biochemistry, TT, v. 9, no. 1)

62-16045

I. Mitsui, T.
II. Title: Study...

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

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JAPANESE, PER, NIPPON NOGEIKAGAKU KAISHI, VOL XIV, 1938, PP 505-506.

NIH 6-83662

SCI - BIOL

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Studies on the Browning of Tobacco Leaves
Part I. Properties of Tobacco Polyphenol-
oxidase, by S. Matsuyama.
JAPANESES, per, Nippon Nogeikagaku Kaishi,
35, no. 5, 1961, pp. 405-408.
NTC 71-12836-02D

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

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JAPANESE, per, Nippon Nogeikagaku Kaishi
vol. 35, no. 5, 1961. pp. 408-412.
NTC 71-12837-02D

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

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Part III. Varietal Difference, by S. Matsuyama.
JAPANESE, per, Nippon Nogeikagaku Kaishi,
vol. 35, no. 6, 1961, pp. 4[illegible]-9[illegible].
NTC 71-12336-02D

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

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1961 V35 N6 P516-520 78-21078 <P>
1961 V35 N5 P843-846 78-10939-02A <P>
1963 V37 N1 P63-66 78-10939-02D <P>
1963 V37 N10 P570-579 J-4877 <E15>
1963 V37 N11 P653-657 78-10078-08A <P>

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Yabuta, T. S., Sumiki, Y. and others.
THE EFFECTS OF GIBBERELLIN ON SPECIAL COMPONENTS AND SPECIAL TISSUES OF PLANTS.
[1962] 7p.
Order from K-H $8.75 K-H 3561-b

Trans. of [Nihon Noge1-Kagakkai Shi] (Japan) 1941, v. 17, no. 12, p. 1001-1004.

DESCRIPTORS: *Plants, Tissues (Biology), *Growth substances, Hormones.

(Biological Sciences--Botany, TT, v. 9, no. 1)

62-34422

I. Yabuta, T. S.
II. Sumiki, Y.
III. K-H-3561-b
IV. Kresge-Hooker Science Library Associates, Detroit, Mich.

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Inoue, Yoshiyuki, Hamada, Katsu, and Yokota, Shuko.
STUDIES ON THE PREPARATION OF ORGANIC ACIDS. VIII. MANUFACTURE OF PHTHALIC ANHYDRIDE BY THE GAS-PHASE OXIDATION OF NAPHTHALENE. [1961] [22]p. (foreign text included) 7 refs.
Order from SLA $2.60 62-10025

Trans. of [Nihon Nogei-Kagakkai Shi] (Japan) 1943, v. 19, p. 809-815.

DESCRIPTORS: *Organic acids, Synthesis, *Phthalic anhydride, *Naphthalenes, Gases, Oxidation, Phase studies.

(Chemistry--Organic, TT, v. 7, no. 8)

62-10025

I. Inoue, Y.
II. Hamada, K.
III. Yokota, S.
IV. Title: Manufacture...

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Senju, R.
HYDROXYETHYL CELLULOSE. I. DETERMINATION OF ETHYLENE GLYCOL GROUP IN HYDROXYETHYL CELLULOSE. II. REACTION OF ETHYLENE OXIDE AND ALKALI CELLULOSE. III. ALLYL DERIVATIVES OF HYDROXYETHYL CELLULOSE, by R. Senju and Satoshi Okimasu. 8p
Order from SLA $1.10 TT-64-16707

Trans. of [Nihon Sugar Kagakkai Shi] (Japan) 1948, v. 22, p. 57-60.

(Materials--Plastic, TT, v. 12, no. 4)

TT-64-16707

I. Senju, R.
II. Okimasu, S.
III. Title: Determination ...
IV. Title: Reaction ...
V. Title: Allyl ...

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Studies on Acetone-Butanol Fermentation with Sucrose as Starting Material. Part I, by Y. Nakahama, Y. Harada.
JAPANESE, per, Nihon Nogei Kagakkai-shi,
Vol 23, 1949, pp 176-180.
NLL Ref: 5809.95 (T/6222)

Sci-B&M
Oct 69

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Senju, Ryoichi and Okimasu, Satoshi.
STUDIES ON CHITIN. PT. I. ON THE GLYCOLATION OF CHITIN AND THE CHEMICAL STRUCTURE OF GLYCOL CHITIN. PT. II. THE MOLECULAR FORMS AND THE DEGREES OF POLYMERIZATION OF GLYCOL CHITIN FROM THE POINT OF VIEW OF THE VISCOSITY OF ITS AQUEOUS SOLUTION, tr. by E. R. Hope. Sep 63, 12p 26refs DSIS T 70 J.
Order from NRCC NRCC C-4533

Trans. of [Nihon Nogei-Kagakkai Shi] (Japan) 1950, v. 23, no. 10, p. 432-441.
Another trans. of p. 432-437 is available from NRCC $1.00 as NRCC C-3850, NRCC TT-986, 1961, 15p.

DESCRIPTORS: *Chitin, Glycols, Molecular structure, Viscosity, Polymerization.

(Biological Sciences--Biochemistry, TT, v. 10, no. 12)

63-22918

I. Title: Glycolation
I. Senju, R.
II. Okimasu, S.
III. Title: On ...
IV. Title: Molecular ...
V. DSIS-T-70-J
VI. NRCC C-4533
VII. Directorate of Scientific Information Services (Canada)

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Principle of the Anti-Diabetic Action and the Fungistatic Action, by Yamazaki Izue, Satomura Yukio, Yamamoto Takehiko, 11 p.

JAPANESE, per, Nihon Nogei-Kaikkai Shi, 1950, Vol XXIII, No 10, pp 468-472.

SLA 59-15799

Sci
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Vol 2, No 6

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Antidiabetic Action of Sporobolomyces Red Yeast,
by T. Sakamura, 5 p.

JAPANESE, per, Nihon Nogei-kagakukai Shi, [illegible],
Vol XXIII, pp 468-477, and 1951, Vol XXIV,
pp 399-402.

STA 59-15738

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Vol 2, No 6

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Principle of the Anti-Diabetic Action and The Fungistatic Action (PT 2), by Yamasaki Izue, Satomura Yukio, Yamamoto Takehiko, 8 p.

JAPANESE, per, Nihon Nogei-Kagakkai Shi, 1950, Vol XXIII, No 10, pp 473-477.

SLA 59-15800

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Antidiabetic Action and Fungistatic Action, by (FTD)
Yamasaki Inue, Satomura Yukio, Yamamoto Takehiko,
10 p.

JAPANESE, per, Nihon Nogei-Kagakkai Shi, 1951,
Vol XXIV, No 9, pp 399-402.

SLA 59-15798

Sci
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Vol 2, No 6

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Studies in the Chemical Constituents of the Tobacco Plant. I. Evidence that the Florescent Substance in the Tobacco Plant is "Scopoletin", by Yuichi Mizukami.
JAPANESE,per, Nihon Nogei Kagakkai Shi, 1952, Vol. 25, no. 10, pp. 531-533.
K-H-2743-d

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Misato, Tomomasa and Fukunaga, Kazuo.
DETERMINATION OF γ-BHC BY CHROMATOGRAPHY.
[1963] [8p] 7refs
Order from SLA $1.10 TT-63-20434

Trans. of [Nihon Nogei-Kagakkai Shi] (Japan) 1952, v. 26, p. 24-27. (Abstract available)

DESCRIPTORS: *Insecticides, *Hexachlorocyclohexanes, *Chromatographic analysis, Adsorption, Silicon compounds, Dioxides, *Gels.

The chromatographic procedure proposed by Harris for the determination of γ-BHC was modified to enable use of a smaller partition column and less reagents without sacrificing accuracy. Silica gels having an adsorption capacity of less than 5% (moisture adsorbed by silica gel placed over 30% aqueous H_2SO_4) were found to be suitable for the chromatographic procedure. (Author)
(Chemistry--Analytical, TT, v. 11, no. 4)

TT-63-20434

I. Misato, T.
II. Fukunaga, K.

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Hanaoka, A., Harada, T., and Takizawa, T.
OXIDATION OF PROPARGYL ALCOHOL BY BACTERIA. [1962] 4p.
Order from ATS $7.50 ATS-05P59J

Trans. of [Nihon Nogei-Kagakkai Shi] (Japan) 1952, v. 26, no. 3, p. 151-154.

DESCRIPTORS: *Alcohols, Oxidation, *Bacteria.

(Biological Sciences--Microbiology, TT, v. 7, no. 11.)

62-12801

I. Hanaoka, A.
II. Harada, T.
III. Takizawa, T.
IV. ATS-05P59J
V. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Wada, Einosuke.
STUDY OF CHEMICAL CONSTITUENTS OF TOBACCO. III. ISOLATION OF KAEMPFEROL-3-RHAMNOGLUCOSIDE FROM. [1962] 9p.
Order from K-H $11.25 K-H 3263 b

Trans. of [Nihon Nogei-Kagakkai Shi] (Japan) 1952, v. 26, p. 159-162.

DESCRIPTORS: *Tobacco, Chemical analysis, *Glucosides.

(Chemistry--Analytical, TT, v. 9, no. 2)

62-22845

I. Title: Kaempferol
I. Wada, E.
II. K-H-3263-b
III. Kresge-Hooker Science Library Associates, Detroit, Mich.
IV. Title: Isolation . . .

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

The Acidic Constituents of Porpoise, by
Yukihiko Nakamura, Isami Tsujino. 9 pp.
JAPANESE, per, Nihon Nogei Kagaku-kai-shi,
Vol 27, 1952, pp 642-645.
Dept of Interior
Bureau of Commercial Fisheries
Office of Foreign Fisheries
A-30-July 1969-No 135
On Loan

Sci-B&M
Nov 69

397,299

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Oshima, Y. and Nakabayashi, T.
CHEMICAL CHANGES OF POLYPHENOL COMPOUNDS AND AMINO ACIDS IN THE PROCESS OF BLACK TEA FERMENTATION. PT. 1 of Studies on the Black Tea Tannin. [1962] 15p.
Order from K-H $18.75 K-H 3580-a

Trans. of [Nihon Nogei-Kagakkai Shi] (Japan) 1954, v. 28, p. 264-269.

DESCRIPTORS: *Tea, *Tannic acids, *Fermentation, *Phenols, *Amino acids, Polymers.

(Biological Sciences--Biochemistry, TT, v. 8, no. 8)

62-17564

I. Oshima, T.
II. Nakabayashi, T.
III. K-H-3580-a
IV. Kreage-Hooker Science Library Associates, Detroit, Mich.
V. Title: Studies . . .

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Oshima, Y., Nakabayashi, T., and Ishibashi, S.
THE FRACTIONATION OF BLACK TEA TANNIN.
Pt. 2 of Studies on Black Tea Tannin. [1962] 12p.
Order from K-H $15.00 K-H-3580-b

Trans. of [Nihon Nogei-Kagakkai Shi] (Japan) 1954, v. 28, p. 269-274.

DESCRIPTORS: *Tea, *Tannic acids, Fractionation.

(Biological Sciences--Biochemistry, TT, v. 8, no. 8)

62-17567

I. Oshima, Y.
II. Nakabayashi, T.
III. Ishibashi, S.
IV. Title: Studies...
V. K-H-3580-b
VI. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Nakabayashi, Toshio and Hada, Norimasa.
ISOLATION OF TANNINS. Pt. I of Studies on Tannins of Spirogyra Arcta. [1962] 14p.
Order from K-H $17.50 K-H 3629-b

Trans. of [Nihon Nogei-Kagakkai Shi] (Japan) 1954, v. 28, p. 387-391.

DESCRIPTORS: Separation, *Tannic acids, *Algae.

(Biological Sciences--Biochemistry, TT, v. 9, no. 2)

62-22599

I. Nakabayashi, T.
II. Hada, N.
III. Title: Studies . . .
IV. K-H-3629-b
V. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Studies on Chitin. Report No 1. On the Glycolation of Chitin and the Chemical Structure of Glycol Chitin, by Ryoichi Senju, Satoshi Okimasu, 7 pp, and 5 Atch.

JAPANESE, per, Nihon Nogeikagaku Kaishi (Journal of the Agricultural Chemical Society of Japan), Vol XXIII, No 10, 1954, pp 432-437.

NIH 11-9-61

179,317

Sci - Med

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Nio, Seigi and Sasaki, Toshiro.
INFLUENCE OF HIGH-FREQUENCY WAVES ON CHEMICAL COMPONENTS IN TOBACCO. [1962]
11p.
Order from K-H $13.75 K-H 3280-a

Trans. of [Nihon Nogei-Kagakkai Shi] (Japan) 1952, v. 26, p. 490-493.

DESCRIPTORS: *High frequency, *Tobacco, Plants.

(Agriculture--Plant Cultivation, TT, v. 8, no. 8)

62-22610

I. Nio, S.
II. Sasaki, T.
III. K-H-3280-a
IV. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Asai, Toshinobu and Aida, Ko.
STUDIES ON THE OXIDATIVE BACTERIA. PT. 4. ON THE PRODUCTION OF ALPHA-KETOGLUTARIC ACID AND PYRUVIC ACIDS BY PSEUDOMONAS AND SERRATIA. [1963] 14p. 22 refs.
Order from SLA 51.60 63-14629

Trans. of [Nihon Nogei-Kagakkai Shi (Japan) 1952, v. 26, p. 528-533].

DESCRIPTORS: *Bacteria, Oxidation, *Metabolism, *Pseudomonas, *Serratia, *Pyruvic acid, *Glutaric acids, *Carbonyl radicals, Chemical reactions, Culture media, Paper chromatography.

By shaking culture, a confirmation was made that Pseudomonas 33F produced α-ketoglutaric acid and that Serratia marcescens No. 18 also produced this acid via 2-ketogluconic acid. From 7.64% glucose solution containing 0.1% ammonium sulphate and other mineral salts, Pseudomonas 33F and

(Biological Sciences--Biochemistry, TT, v. 10, no. 5) (over)

63-14629

I. Asai, T.
II. Aida, K.
III. Title: Production . . .

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Oshima, Y. Nakabayashi, T., and Hada, N.
STUDIES OF SEVERAL FACTORS IN THE PAPER CHROMATOGRAPHY OF TANNINS. Pt. 1 of Paper Chromatorgraph of Tannins. [1962] 10p.
Order from K-H $12.50 K-H 3580-c

Trans. of [Nihon Nogei-Kagakkai Shi] (Japan) 1954, v. 28, p. 618-621.

DESCRIPTORS: *Tannic acids, *Paper chromatography

(Chemistry--Analytical, TT, v. 8, no. 8)

62-17565

I. Oshima, Y.
II. Nakabayashi, T.
III. Hada, N.
IV. Title: Paper ...
V. K-H-3580-c
VI. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Oshima, Y., Nakabayashi, T., and Hada, N.
A CLASSIFICATION OF TANNINS BY THE METHOD OF PAPER CHROMATOGRAPHY [AND] TREHALOSE AND YEAST. Pts. 2-3 of Paper Chromatograph of Tannins. [1962] 19p.
Order from K-H $23.75 K-H 3580-d

Trans. of [Nihon Nogei-Kagakkai Shi] (Japan) 1954, v. 28, p. 621-629.

DESCRIPTORS: *Tannic acids, Classification, Saccharides, *Yeasts, *Paper chromatography.

(Chemistry--Analytical, TT, v. 8, no. 8)

62-17566

I. Oshima, Y.
II. Nakabayashi, T.
III. Hada, N.
IV. Title: Trehalose ...
V. Title: Paper ...
VI. K-H-3580-d
VII. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

The Production of Vitamin C by Fermentation.
Pt. 6, The Formation and Isolation of 2-Keto-L-Gulonic Acid From Ca-L-Iodonate. Ca-D-Gluconate.
by Yamazaki, Masataka. 9 p.

JAPANESE, per, Nihon Nogei-Kagakkai Shi, 1954,
Vol XXVII, No 304, pp 633-638.

SLA 59-15174

Sci
Vol 2 No 6
Dec 59

104,240

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Bacteriological Studies of Acetone-butanol-formanting Bacteria (KH-18), by Y. Takeda, T. Matsui.
JAPANESE, per, Nihon Nogeo Kagakkai-shi,
No 29, 1955, pp 78-82.
NLL Ref: 5809.95 (T/6221)

Sci-B&M
Oct 69

395,214

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Kurasawa, H., Saito, S. and others.
AN ENZYME IN ASPERGILLUS ORYZAE WHICH SYNTHESIZES A NONREDUCING OLIGOSACCHARIDE FROM SUCROSE. PT. 4. RELATION BETWEEN THE ENZYME SYNTHESIZING AN OLIGOSACCHARIDE FROM SUCROSE AND SO-CALLED SACCHARASE, I. [1963] 8p.
Order from ATS $9.75 ATS-18Q67J

Trans. of Nihon Nogei-Kagakkai Shi (Japan) 1955, v. 29, no. 3, p. 211-215.

DESCRIPTORS: *Enzymes, *Molds (Organisms), Invertase, Sucrose, Saccharides.

(Biological Sciences--Biochemistry, TT, v. 10, no. 2)

63-17146

I. Kurasawa, H.
II. Saito, S.
III. Title: Relation...
IV. ATS-18Q67J
V. Associated Technical Services, Inc., East Orange, N. J.

ATS 37-4: 64

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

FT-62-2880

Murao, S.

ÉTUDE DE LA PÉNICILLIN-AMIDASE. II. CONDITIONS DE PRODUCTION DE LA PÉNICILLIN-AMIDASE. III. MÉCANISME DE LA RÉACTION DE LA PÉNICILLIN-AMIDASE (Penicillin-Amidase. II. Productional Conditions of Penicillin-Amidase. III. Mechanism of Penicillin-Amidase Action on Sodium Penicillin), Paris, 20refs., CNRS-XXI 127.

Order from OTS, ETC for CNRS $1.60 FT-62-2880.

Trans. in Transl. of Nihon Nogei-Kagakkai Shi (Japan), 1955, v.29, no.6, p[illegible]

DESCRIPTORS: *Penicillins, Culture media, Sulfur compounds, *Enzymes, Decomposition.

(Biological Sciences, Microbiology, I, II, III, IV)

Office of Technical Services
European Translations Center

DD

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Studies on Oxidative Metabolism of Glucose by Acetobacter Melanogenum, Pt I. On the Formation of 2,5-Diketogluconic Acid, by Koji Kondo, Minoru Amayama, Tsutomu Yamagishi, 12 pp.

JAPANESE, per, Nihon Nogeikagaku Kaishi, Vol XXX, 1956, pp 419-422.

SLA pp-1961

Sci
Dec 59
Vol 2, No 5

103 556

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Studies on Oxidative Metabolism of Glucose by Aerobacter Melanogenum. Pt II. The Presumption of the Pathway of Glucose Degradation, by Keiji Kondo, Minoru Ameyama, Tsutomu Kwaguchi, 10 pp.

JAPANESE, per, Nihon Nogeikagaku Kaishi, Vol XXX, 1956, pp 423-426.

BIA 59-15616

Sel
Dec 59
Vol 2, No 5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

On the Spectrophotometric Determination of Tetracycline, by S. Inoue, T. Ito, H. Ogawa, 22 pp.

JAPANESE, per, Nihon Nogeikagaku Kaishi, Vol XXX, No 10, Oct 1956, pp 591-596.

NIH 1-5

57,795

Sci - Chem

Jan 58

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Shiga, Tsuneji and Shimo, Mitsuo.
STUDIES ON ENZYMATIC SYNTHESIS OF DEXTRAN. PT. I. ON THE CONDITIONS OF DEXTRAN SUCRASE PRODUCTION. [13]p. 12refs.
Order from SLA $1.60 TT-64-16709

Trans. of [Nihon Nogei-Kagakkai Shi] (Japan) 1957, v. 31 [no. 4] p. 272-275.

(Biological Sciences--Biochemistry, TT, v. 12, no. 4)

TT-64-16709

I. Shiga, T.
II. Shimo, M.
III. Title: On the ...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Shiga, Tatsuji and Shimo, Mitsuo.
STUDIES ON THE ENZYMATIC SYNTHESIS OF DEXTRAN. PT. II. THE CONDITIONS OF ENZYMATIC SYNTHESIS AND DEXTRANS SUCRASE PRODUCTION. [19]p (foreign text included) 3refs.
Order from SLA $1.60 TT-64-16725

Trans. of [Nihon Nogei-Kagakkai Shi] (Japan) 1957, v. 31 [no. 4] p. 276-279.

(Biological Sciences--Biochemistry, TT, v. 12, no. 4)

TT-64-16725

I. Shiga, T.
II. Shimo, M.
III. Title: The conditions ...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Mizuno, Takashi and Kimpyo, Tadao.
FREE SUGARS AND THE CONSTRUCTIVE SUGARS OF GLYCOSIDES IN GREEN LEAVES OF JAPANESE BRIGHT YELLOW TOBACCO. Pt. 1 of [A Study of] the Carbohydrates of Tobacco. [1962] 10p. 24 refs.
Order from SLA $1.10 62-20219

Trans. of Nihon Nogei-Kagakkai Shi (Japan) 1957, v. 31, no. 5, p. 297-299.

DESCRIPTORS: *Polysaccharides, Carbohydrates, Synthesis, *Glycosides, *Tobacco, Chemical analysis.

Free sugars of green tobacco leaves (Bright Yellow variety) were shown to be fructose (3.05%), glucose (2.58%), sucrose (6.05%), maltose (0.47%), raffinose (0.31%), stachyose (0.18%) and inositol (0.28%). Mannose, glucose, galactose, rhamnose and smaller quantities of xylose, fructose and desoxyribose were
(Chemistry--Analytical, TT, v. 9, no. 12) (over)

62-20219

I. Mizuno, T.
II. Kimpyo, T.
III. Title: Study ...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Lignin and Lignification 7&8 the Formation of Lignin in the Young Plant, by H. Ishikawa.
JAPANESE, per, Nihon Nogeikagaku Kaishi, Vol 1, No [illegible], 1957, pp 375-383
NLL/8[illegible]2 1965 (TT-1159

Sci -
Aug 67

[illegible]39,795

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Causes of Blackening of Canned Beef Cans,
by Y. Obata, et al.
JAPANESE, per, Nihon Nogeikagaku Kaishi,
Vol 31, No 8, 1957, pp 585-587.
NLL Ref: 9022.091B (2438)

Sci-B&M
Sept 86 309,572

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Matsui, Masanao.
REDUCTION WITH COMPLEX METAL HYDRIDES.
[1963] 25p.
Order from K-H $25.00 K-H 8524

Trans. of [Nihon] Nogei-Kagakkai Shi (Japan) 1957, v. 31, no. 10, p. 107-118.

DESCRIPTORS: *Reduction (Chemistry), *Hydrides, *Complex compounds, Metallic compounds.

(Chemistry--Inorganic, TT, v. 10, no. 1)

63-17271

I. Matsui, M.
II. K-H-8524
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Mizuno, Takashi and Kimpyo, Tadao.
POLYSACCHARIDES OF THE YELLOW-TOBACCO LEAF. Pt. 2 of [A Study of] the Carbohydrates of Tobacco. [1962] 9p. 9 refs.
Order from SLA $1.10 62-18832

Trans. of [Nihon Nogei-Kagakkai Shi] (Japan) 1957, v. 31, p. 830-832.
Another trans. is available from K-H $11.25 as K-H 12138 [1962] 9p.

DESCRIPTORS: *Polysaccharides, *Tobacco, *Plants, Quantitative analysis, Chemical properties, Physical properties.

The green leaves of the Yellow variety tobacco were extracted with hot 80% ethanol to eliminate soluble sugars, pigments, etc. The material insoluble in the solvent was partitioned into polysaccharide fractions soluble in
(Chemistry--Analytical, TT, v. 9, no. 7) (over)

62-18832

I. Mizuno, T.
II. Kimpyo, T.
III. Title: Study

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Ueda, Kiyomoto.
CONTINUOUS FERMENTATION OF MOLASSES WITH A COMBINED SYSTEM OF AGITATED VESSELS AND FLOW PIPES. Pt. 7 of Studies in Continuous Fermentation. [1962] 9p. 4 refs.
Order from SLA $1.10 62-16046

Trans. of [Nihon Nogei-Kagakkai Shi (Japan) 1958, v. 32, p. 26-29].

DESCRIPTORS: Food, *Carbohydrates, Fermentation, Yeasts, Alcohols, Containers, Pipes.

An improved set of equipment for the agitated-vessel process was devised, to be used for continuous alcoholic fermentation. This apparatus is a compromise between the agitated-vessel and the pipe process. This improved apparatus is 1.8 times more efficient than the re-use and the two-vessel methods; this figure agrees with the theoretical value. (Author)
(Food, TT, v. 9, no. 3)

62-16046

I. Title: Molasses
I. Ueda, K.
II. Title: Studies...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Mizuno, T. S., Kainuma, S. and others.
THE CARBOHYDRATES OF THE STEM AND THE ROOTS OF THE TOBACCO PLANT. Pt. 3 of A Study of the Carbohydrates of Tobacco. Feb 61, 16p.
Order from K-H $20.00 K-H-10521-b

Trans. of [Nihon Nogei-Kagakkai Shi] (Japan) 1958, v. 32, no. 6, p. 467-470.

DESCRIPTORS: *Plants, *Tobacco, *Carbohydrates.

(Biological Sciences--Biochemistry, TT, v. 8, no. 8)

62-17529

I. Mizuno, T. S.
II. Kainuma, S.
III. Title: Study ...
IV. K-H-10521-b
V. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

On the Denaturation of β-Lactoglobulin by the Radiation of Ultraviolet Light (Part I), by S. Sakamura, Y. Obata, 9 pp.

JAPANESE, per. Nihon Nogei Kagaku-Kai Shi, Vol XXXII, No 9, 1958, pp 667-670. 9080646

AERE, Harwell
NP-Tr-680
167,843

Sci
Sep 61

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Nutritional Requirements of Hiochi Bacteria, by G. Tamura, Y. Suzuki, 7 p.

JAPANESE, per, Nihon Nogei-Kagakkai Shi, 1958, Vol XXXII, No 10, pp 778-783.

SLA 59-20296

Sci
Mar 60
Vol 2, No 11

109,513

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

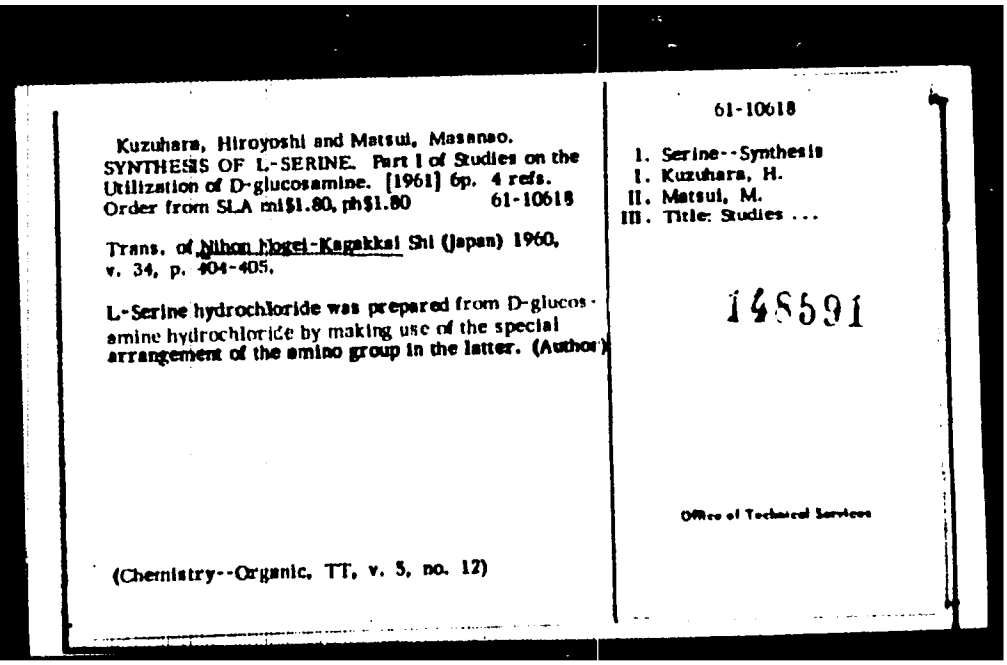
Studies on Flavonoid (Part I) on the aluminum Salts of Flavonols, by Keizo Hayashiya.
JAPANESE, per, Nippon Nogeikagaku Kaishi,
Vol XXXIII, 1959, pp 174-176. 9231912
AEC-ORNL-Tr-902

Sci + Chem
Feb 66

295,478

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8



Kuzuhara, Hiroyoshi and Matsui, Masanao.
SYNTHESIS OF L-SERINE. Part I of Studies on the Utilization of D-glucosamine. [1961] 6p. 4 refs.
Order from SLA mi$1.80, ph$1.80 61-10618

Trans. of Nihon Nogei-Kagakkai Shi (Japan) 1960, v. 34, p. 404-405.

L-Serine hydrochloride was prepared from D-glucosamine hydrochloride by making use of the special arrangement of the amino group in the latter. (Author)

(Chemistry--Organic, TT, v. 5, no. 12)

61-10618

1. Serine--Synthesis
I. Kuzuhara, H.
II. Matsui, M.
III. Title: Studies ...

148591

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Takahashi, Machida, and Yamada.
EFFECTS OF SOME PHYSICAL FACTORS ON SUBMERGED MOLD CULTURES. PTS. 4-5 (SUMMARIES). [1961] 2p.
Order from: SLA $1.10 61-20729

Partial trans. of [Nihon Nogei-kagakkai Shi] (Japan) 1960, v. 34, p. 440-[447].

DESCRIPTORS: *Molds. *Culture media. Viscosity. Growth. Sucrose. Serum amylase.

Contents:
Effects of culture fluid viscosity on mycelial forms of molds
Effects of culture fluid viscosity on the growth and amylase production of Asp. Niger.

(Biological Sciences--Botany, TT v. 8, no. 3)

61-20729

I. Takahashi
II. Machida
III. Yamada

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Studies on Bacterial Amylase. Part XXVIII. Mechanism of the Formation of Bacterial Amylase. XI. Effect of the Addition of Metal Salts on Enzyme Formation. I., by Juichiro Fukumoto, Takehiko Yamamoto, et al, 13 pp.
JAPANESE, per, Nippon Nogeikagako Kaishi,, Vol XXXIV, 1960, pp 475-479. 9225319
AEC-UCRL-Tr-1086(L.)

Sci-Biol & Med
Nov 64

268,558

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Studies on the Photdecomposition of Amino Acids, by
H. Hara.
JAPANESE, per, Nihon Nogei Kagakkai-shi, vol. 34,
1960, pp. 493-498.
NTC 71-10956-07E

August 71

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Kuninaka, Akira.
STUDIES ON THE TASTE OF RIBONUCLEIC ACID DERIVATIVES. [1963] 15p. 23 refs.
Order from SLA $1.60 63-10862

Trans. of [Nihon Nogei-Kagakkai Shi (Japan) 1960, v. 34, p. 489-492].

DESCRIPTORS: *Taste, *Ribonucleic acids, Purines, Pyrimidines, Nucleosides, Nucleotides, Amino acids.

Among the compounds related to the nucleic acids, purine pyrimidine bases, nucleosides, 2'- and 3'-mononucleotides and polynucleotide do not have a taste practically, if they are alone, whereas 5'-mononucleotides of 6-hydroxypurine derivatives exhibit a specific taste. The specific and remarkable synergism of taste was observed between these nucleotides and monosodium L-glutamate. (Author)
(Biological Sciences--Biochemistry, TT, v. 10, no. 4)

63-10862

I. Kuninaka, A.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Matsuyama, A. and Ishitoya, Kenzo.
STUDIES ON THE CHEMICAL CONSTITUENTS OF THE "CHERRY RED" TOBACCO PLANT. [1962] 12p.
Order from K-H $15.00 K-H-11092-b

Trans. of [Nihon Nogei-Kagakkai Shi] (Japan) 1960, v. 34, no. 8, p. 662-665.

DESCRIPTORS: *Plants, *Tobacco, Chemical properties.

(Agriculture--Plant Cultivation, TT, v. 8, no. 8)

62-17515

I. Matsuyama, A.
II. Ishitoya, K.
III. K-H-11092-b
IV. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Studies on Synthesis of L-aminoacids. II., by
M. Tanaka.
JAPANESE, per, Nihon Nogei Kagaku Kaishi,
Vol 34, 1960, pp 972-975.
NLL Ref: 5828.4F (N 13224)

Sci-Chem
Oct 69

395,182

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Studies on Polyphenols of Rice Plant. Part I. Separation and Identification of Phenolcarboxylic Acids, by S. Kuwatsuka.
JAPANESE, per, Nippon Nogeikagaku Kaishi, Vol 35, No 1, 1961, pp 67-71.
NTC-71-10471-07C

Nov 71

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Studies on Polyphenols of Rice Plant. Part II. Separation and Identification of Tricin, by S. Kuwatsuka.
JAPANESE, per, Nippon Nogeikagaku Kaishi, Vol 35, No 1, 1961, pp 71-75.
NTC-71-10470-07C

Nov 71

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Iwata, Y.
LATEST DEVELOPMENT OF WOOD CHEMICAL INDUSTRY. [1963] [26p] (foreign text included) 23refs
Order from SLA $2.60 TT-64-10527

Trans. of Nihon Nogei-Kagakkai Shi (Japan) 1961, v. 35, no. 2, p. A19-A25. (Abstract available)

DESCRIPTORS: *Chemical industry, *Wood, Hydrolysis, Industrial research, Economics, *Glucose, *Xylose, Production,

Methods reported at the 2nd FAO Symposium on the Hydrolysis of Wood are summarized and details on construction costs and balance sheets of the plants are given. The methods include: the gypsum method; the acid dialysis method; the hydrochloric acid gas process and the undiluted hydrochloric acid (new Udic-Rheinau) process.
(Materials--Wood, TT, v. 11, no. 10)

TT-64-10527

I. Iwata, Y.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Mishina, A.
GAMMA RADIATION-INDUCED GRAFT POLYMERIZATION OF ACRYLAMIDE ONTO AMYLOSE IN AN AQUEOUS SOLUTION. [1961] 8p.
Order from ATS $16.00 ATS-58N55J

Trans. of Nihon Nogei-Kagaku Shi (Japan) 1961, v. 35, no. 1, p. 40-45.

DESCRIPTORS: *Acrylamides, Gamma rays, Radiation effects, Polymer solutions, Polymerization.

(Chemistry--Organic, TT, v. 7, no. 2)

61-25714

1. Title: Graft polymers.
2. Title: Amylose
I. Mishina, A.
II. ATS-58N55J
III. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Hayashi, Akira.
ON THE ACTION OF BONDED SUBSTANCE ON CHROMATOGRAMS. Rept. 9 of Study on the Chemical Combination Between Lignin and Carbohydrate. May 62, 8p. FPRB Trans. no. 153.
Order from NRCC NRCC C-4294

Trans. of [Nihon Noget-Kagakkai Shi] (Japan) 1961, v. 35, p. 80-83.

DESCRIPTORS: *Lignin, *Carbohydrates, Separation, Chemical bonds, *Paper chromatography.

(Chemistry--Analytical, TT, v. 9, no. 9)

63-12882

I. Hayashi, A.
II. Title: Study...
III. FPRB Trans-153
IV. NRCC C-4294
V. Forest Products Research Branch (Canada)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Studies on Taste of Ribonucleic Acid Derivatives,
by A. Kuninaka
JAPANESE, per, Nippon Nogeikagaku Kaishi, Vol 34,
1960, pp 489-492
NTC 71-16855-06H

Feb 72

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Hayashi, Akira.
ON THE EXISTENCE OF PHENOL-β-GLYCOSIDE BOND. Rept. 10 of Studies on the Chemical Combination between Lignin and Carbohydrate. May 62, 8p. 16 refs.
FPRB Trans. no. 154
Order from NRCC NRCC C-4388

Trans. of [Nihon Nogei-Kagakkai Shi] (Japan) 1961, v. 35, p. 83-86.

DESCRIPTORS: *Lignin, *Carbohydrates, Chemical bonds, *Phenols, *Glucosides, *Xylose, Chromatographic analysis, Hydrolysis, Hydroxides, Glycoside hydrolases.

(See also NRCC C-4294)

(Biological Sciences--Biochemistry, TT, v. 10, no. 3)

63-17540

I. Hayashi, A.
II. Title: Studies ...
III. FPRB Trans-154
IV. NRCC C-4388
V. Forest Products Research Branch (Canada)
VI. Bureau of Translations (Canada)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Nutritional Studies on Fluorine - Report No. 5.
The Relation Between the Mandible's and Incisors'
Strength or Hardness and Their Fluorine Content.
by Susumu Fuzie, 7 pp, and 3 Abs.

JAPANESE, per, Nippon Nogeikagaku Kaishi (Journal
Of the Agricultural Chemical Society of Japan),
Vol XXXV, No 2, 1961, pp 155-159.

NIH 11-20-61

Sci - Med

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Studies on Lysine Fermentation. Report No. 2.
α, ε-Diaminopimelic Acid and Its Decarboxylase
in Lysine-Producing Strains and Parent Strain,
by K. Nakayama, S. Kinoshita, 7 pp.

JAPANESE, per. Nihon Nogeikagaku Kaishi, Vol XXXV,
No 2, 1961, pp 110-113.

NIH 1-8-62

186,375

Sci - Med

Feb 62

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Studies on Lysine Fermentation. Report No. 3.
α, ε -Diaminopimelic Acid Accumulation and
Diaminopimelic Acid Decarboxylase, by
K. Nakayama, S. Kinoshita, 13 pp.

JAPANESE, per, Nihon Nogeikagaku Kaishi, Vol XXXV,
No 2, 1961, pp 113-118.

NIH 1-9-62

186,376

Sci - Med

Feb 62

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Studies on Lysine Fermentation. Report No 4. Culture Condition for Lysine Accumulation by a Homoserine-Less Mutant of Bacillus Subtilis, by K. Nakayama, S. Kinoshita, 6 pp.

JAPANESE, per, Nihon Nogeikagaku Kaishi, Vol XXXV, No 2, 1961, pp 119-121.

NIH 2-7-62

Sci - Med

191,445

Apr 62

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

CHEMICAL REACTIONS OF AMINO ACIDS WITH ALDEHYDES. PART III. CONDENSATION PRODUCTS OF B-HYDROXY- -AMINO ACIDS WITH FORMALDEHYDE, BY S. EMOTO, M. ANDO, 7 PP.

JAPANESE, PER, NIPPON NOGEIKOGAKO KAISHI, VOL XXXV, NO 7, 1961, PP 882-887.

NIH % K 6-35-62

SCI - CHEM

208,773

AUG 62

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Noguchi, Masao, Kokago, Takako, and Tamaki, Einosuke.

ISOLATION OF SHIKIMIC AND QUINIC ACIDS FROM THE TOBACCO LEAF. [1962] 7p (refs omitted) 11refs
Order from SLA $1.10 TT-64-14612

Trans. of [Nihon Nogei-Kagakkai Shi] (Japan) 1961, v. 35, no. 9, p. 868-870.
Another trans. is available from K-H $8.75 as K-H-11560-b [1962] 7p.

(Biological Sciences--Biochemistry, TT, v. 11, no. 11)

TT-64-14612

I. Noguchi, M.
II. Kokago, T.
III. Tamaki, E.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Ueda, Shizuo, Watanabe, Akira, and Tsuji, Fukuju.
CONDUCTANCE OF LIGNIN SULFONATES IN MIXED SOLVENTS. Pt. I of Physico-Chemical Studies on Lignin. [1962] 21p. 16 refs.
Order from SLA $2.60 62-18726

Trans. of Nihon Nogei-Kagakkai Shi (Japan) 1961. v. 35 [no. 10] p. 908-915.

DESCRIPTORS: *Electrical conductance, *Lignin, *Sulfonates, Sodium compounds, Solvents, Solutions, Ethanols, Physical chemistry.

Conductivity of sodium lignin sulfonate (NaLS) was measured using ethanol-water mixed solvent as a medium. When the concentration of NaLS is a low, Kohlrausch's law can be applied; and the ultimate value, Λ_0, at zero concentration can be obtained by extrapolating the curve correlating the equivalent con-
(Chemistry--Physical, TT, v. 9, no. 12) (over)

62-18726

I. Ueda, S.
II. Watanabe, A.
III. Tsuji, F.
IV. Title: Physico-Chemical...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Studies of the Properties of Hydrocyanic Acid. Report 1: Polarographic Analysis of the Hydro-Cyanic Acid Polmer. Report 2: Polarographic and Ultraviolet Spectroscopic Consideration of the Hydrocyanic Acid Tetramer, by Kiyoshi Onoda. 22 pp.
JAPANESE, per, Nippon Nogei Kagaku Kaishi, Vol 35 1961, pp 1323-1331.
NASA TT F 12,821

sci/chem may 70

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Tanaka, Masao; Kato, Yo, and Kinoshita, Shukuo. ENZYMATIC STUDIES ON THE OPTICAL ACTIVITY OF AMINO ACIDS. PT. VII. PURIFICATION AND SOME PROPERTIES OF GLUTAMIC ACID RACEMASE. [1963] [22]p. (foreign text included) 32 refs. Order from SLA $2.60 63-16248

Trans. of [Nihon Nogei-Kagakkai Shi] (Japan) 1961, v. 35, no. 14, p. 1378-1381.

DESCRIPTORS: *Amino acids, *Glutamic acid, *Enzymes, Purification, *Racemases, Optical analysis, *Stereochemistry.

(Biological Sciences--Biochemistry, TT, v. 10, no. 5)

63-16248

I. Tanaka, M.
II. Kato, Y.
III. Kinoshita, S.
IV. Title: Purification ...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Morito, Toshiaki.
ANTIBIOTIC COLISTIN FROM BACILLUS COLISTINUS KOYAMA. Pt. 1 of Studies on the Culture of Bacillus Colistinus Koyama. [1963] 20p. 6 refs.
Order from SLA $1.60 63-16435

Trans. of Nihon Nogei-Kagakkai Shi (Japan) 1962, v. 36, no. 1, p. 18-23.

DESCRIPTORS: Drugs, *Antibiotics, *Colimycin, *Bacillaceae, Culture media, Biosynthesis.

(Biological Sciences--Pharmacology, TT, v. 10, no. 9)

63-16435

1. Title: Bacillus colistinus
1. Morito, T.
II. Title: Studies...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Morito, Toshiaki.
ANTIBIOTIC COLISTIN FROM BACILLUS COLISTINUS KOYAMA. Pt. 2 of Studies on the Culture of Bacillus Colistinus Koyama. [1963] 15p. 4 refs.
Order from SLA $1.60 63-16436

Trans. of Nihon Nogei-Kagakkai Shi (Japan) 1962, v. 36, no. 1, p. 24-28.

DESCRIPTORS: Drugs, *Antibiotics, *Colimycin, Biosynthesis, Culture media, *Bacillaceae.

(See also 63-16435

(Biological Sciences--Pharmacology, TT, v. 10, no. 9)

63-16436

1. Title: Bacillus colistinus
I. Morito, T.
II. Title: Studies...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8

Studies of the Properties of Hydrocyanic Acid: Polarographic and Ultraviolet Spectroscopic Analysis of the Tetramer of Hydrocyanic Acid and its Related Compounds, by Kiyoshi Onoda
12 pp.
JAPANESE, per, Nippon Noyeikagaku Kaishi, (Tokyo), Vol 36, No 2, 1962, pp 167-172.
NASA TT F 12,822

sci/chemistry
may 70

406,931

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200870049-8